

Product Evaluation

RE: Review of RePlay Agricultural Oil Seal and Preservation Treatment

PRODUCT

RePlay Agricultural Oil seal and Preservation Treatment is manufactured by BioSpan Technologies Incorporated located in Ballwin, Missouri and distributed by BLUESTEEL Chemicals Incorporated located in Edmonton, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

RePlay asphalt preservation agent reduces the need to repair or patch roads by reversing the oxidation and moisture penetration which are major sources of road deterioration and pothole formation. RePlay penetrates into the asphalt matrix in 15 minutes and renews the asphalt while adding new polymers to the pavement. RePlay will extend the useful life of a treated road surface by 2 to 3 times its normal life span. Product website is:

<http://www.biospantech.com/productpages/replay.html>

DESCRIPTION:

RePlay Agricultural Oil Seal and Preservation Treatment is domestically derived agriculturally based product. RePlay contains soybean oil derivatives and is environmentally safe.

POTENTIAL USAGE:

Replay is a clear product applied to the asphalt surface and allowed to penetrate the asphalt matrix which takes approximately 15 minutes. RePlay is being utilized in several state transportation departments.

STANDARDS:

None submitted

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has no experience with this product.

APPLICATION STANDARDS:

The Alberta Transportation Specification 3.10, Section 3.10.2.2 Surface Treatment Asphalt specifies that asphalt used for asphalt surface treatment shall be SC-250, SC-300 and/or SC-70 unless otherwise specified.

RECOMMENDATIONS:

RePlay Preservation Treatment be listed as a Potential Product under Alberta Transportation Products List, Surface Treatment – Surface treatment Asphalt – Proprietary, based on the information provided. Users are cautioned that skid resistance may be lowered during the curing process.

Note: “Accordingly, this product should be only used on low traffic, low speed pavements.”

Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
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